

(19)日本国特許庁(JP)

(12) 公開実用新案公報(U)

(11)実用新案出願公開番号

実開平5-53812

(43)公開日 平成5年(1993)7月20日

(51)Int.Cl. <sup>3</sup>	識別記号	序内整理番号	F I	技術表示箇所
B 2 3 B 29/03	Z	8612-3C		
51/06	B	8916-3C		

審査請求 未請求 請求項の数1(全 3 頁)

(21)出願番号 実願平3-109212

(22)出願日 平成3年(1991)12月9日

(71)出願人 000233321

日立精機株式会社

千葉県我孫子市我孫子1番地

(72)考案者 横瀬 将治

千葉県我孫子市我孫子1番地 日立精機株式会社内

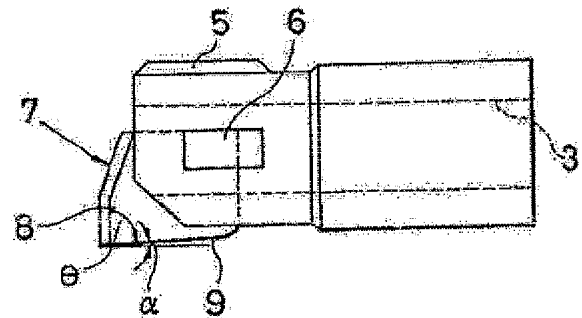
(74)代理人 弁理士 富崎 元成

(54)【考案の名称】 深穴加工工具

(57)【要約】

【目的】下穴があけてある被加工物に深穴をあけると、加工能率を落とさず、しかもびびり振動を起こさせない。

【構成】加工した穴21とヘッド2の間から切削油剤を供給して、切りくずをドリルの内部を通して流し出す深穴加工工具において、ヘッド2に取り付けられた加工用のチップ7と、チップ7にヘッド2の送り方向と直角方向に形成された主切刃8と、ヘッド2の外周に、かつ主切刃8にかかる主分力方向で対向する2位置に配置された第1及び2ガイドパッド4、6と、ヘッド2の外周で、かつ第1及び2ガイドパッド4、6の間で背分力方向に配置された第3ガイドパッド(5)とからなる。



\* NOTICES \*

JPO and INPIT are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.

2. \*\*\*\* shows the word which can not be translated.

3. In the drawings, any words are not translated.

---

CLAIMS

[The scope of a claim for utility model registration]

[Claim 1] In a deep-hole-machining tool which supplies cutting fluid from between holes (21) and heads (2) which were processed, and begins to pour scraps through an inside of a drill, A main cutting edge (8) formed in a feed direction and rectangular directions of said head (2) at a chip for processing (7) attached to said head (2), and said chip (7), On a periphery of said head (2), on and the 1st arranged at two positions which counter in the direction of the main component of a force concerning said main cutting edge (8) and two guide pads (4), (6), and a periphery of said head (2). And a deep-hole-machining tool which consists of the 3rd guide pad (5) arranged in the direction of thrust force between said 1st [ the ] and two guide pads (4), and (6).

---

DETAILED DESCRIPTION

[A detailed explanation of the device]

[0001]

[Industrial Application]

This device is related with a deep-hole-machining tool. When processing in detail the deep hole of the structure into which the prepared hole was processed, it is related with a deep-hole-machining tool without chatter vibration.

[0002]

[Description of the Prior Art]

When making a hole comparatively deep in a byway, case [ like puncturing of a barrel ],